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Docket Number: 071469-0303786

PATENT APPLICATION



Client Reference: RAJ-011

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re ~~the~~ Application of

DAVID L O'MEARA, et al.

Group Art Unit: 2818

Application No.: 10/630,970

Examiner: Phuc Dang

Filed: July 31, 2003

Confirmation No.: 1845

For: METHOD OF FORMING UNIFORM ULTRA-THIN OXYNITRIDE LAYERS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

THIS IS NOT A RESPONSE TO THE OUTSTANDING OFFICE ACTION DATED April 1, 2005.

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. As this application was filed after June 30, 2003, no copies of the cited U.S. patents/ patent applications are enclosed. However, one copy of each of the non-patent references are enclosed. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. Applicants respectfully request the Examiner return an initialed copy of the enclosed Form PTO-1449 to Applicants with the next Office communication to indicate that the references have been considered, per MPEP § 609.

This Information Disclosure Statement is being filed after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.

I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37. CFR 1.97(e)(1).

These references were cited in a Partial International Search Report, dated March 29, 2005, in a corresponding foreign application.

Respectfully Submitted,

 A handwritten signature in black ink, appearing to be 'JK' followed by a stylized flourish.

REG NO 38705

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Date: April 22, 2005

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Substitute for form 1449A/PTO

Complete if Known

Application Number	10/630,970
Filing Date	07/31/2003
First Named Inventor	DAVID L O'MEARA
Art Unit	2818
Examiner Name	Phuc Dang
Attorney Docket Number	071469-0303786

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
	1	US-	6,258,731 B1	07-10-2001	ANDO	
	2	US-	2001/0102859 A1	08-01-2002	YOO	
	3	US-	5,296,412	03-22-1994	OHSAWA	
	4	US-	2002/111001 A1	08-15-2002	AHN et al.	
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FOREIGN PATENT DOCUMENTS

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶	
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/630,970
		Filing Date	07/31/2003
		First Named Inventor	DAVID L O'MEARA
		Art Unit	2818
		Examiner Name	Phuc Dang
		Attorney Docket Number	071469-0303786
Sheet	1	of	1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	I	J. DERRIEN, "SiO ₂ Ultra Thin Film Growth Kinetics as Investigated by Surface Techniques," Surface Science, North-Holland Publishing Company, pp. 32-46, (June 1982).	
	II	C. RAISIN ET AL., "Work Function Measurements During Growth of Ultra Thin Films of SiO ₂ on Characterized Silicon Surfaces," Solid-State Electronics, Pergamon Press Ltd., Vol. 27 (No. 5), pp. 413-417, (May 1984).	
	III	MAHISHA KUNDU ET AL., "Effect of oxygen pressure on the structure and thermal stability of ultrathin Al ₂ O ₃ films on Si (001)," Journal of Applied Physics, American Institute of Physics, Vol. 91 (No. 1), pp. 492-500, (January 1, 2002).	

Examiner Signature		Date Considered	
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